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8	ORMATION DISC ATION IN AN APPI		APPLICANT(S)										
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		Ų.S. PAT	ENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL	ASS		UB ASS		TIL DATE FAPPROP.				
45	4,779,528	10-25-88	Bruke										
	4,926,823	5-22-90	Kishi et al										
.	4,965,741	10-16-90	Cook et al							· -			
	5,236,332	8-17-93	Satou et al										
	5,280,770	1-25-94	Satou et al	•									
	5,422,811	6-6-95	Togai										
	5,515,828	5-14-96	Cook et al										
•	5,548,514	8-20-96	Hasegawa et al										
	5,600,056	2-4-97	Hasegawa et al		I								
. 🗸	5,647,312	7-15-97	Salber et al										
E 5	5,669,341	9-23-97	Ushirono et al					ŀ		·			
•		FOREIGN PA	ATENT DOCUMEN	TS			•	•		• .			
	DOCUMENT NUMBER	DATE	COUNTRY				SUB CLASS		TRANS	LATION NO			
25	S55-49549 [/]	4-10-80	JP · .		:								
.45	S55-29002	3-1-80	Л Р										
٤5	1 054 148	5-18-00	EP			•			·	•			
·	·	OTHER	DOCUMENTS										
45.	RONALD J. PIER System", SAE Te	UK et al, "Design a chnical Paper No. 2	nd Development of a Me 001-01-1221, March 6-9,	chanie 2000	cal V), pp.	arial	ole V	alve	Actua	tion			
.66	MARTIN PISCHI SAE Technical Pa	fits of the Electromechan 23, March 6-9, 2000, pp.	ical V . 1-11	/alve	Trai	n in	Vehi	cle Op	eration",				
٤٤	M.J. VAN NIEUV No. 2001-01-0581	VSTADT et al, "Air , March 5-8, 2001,	Change Estimation in C	amles	s En	gines	s", S <i>i</i>	AE T	echnic	al Paper			
EXAMINER	45		DATE CONSIDERED	3	21/6	C			•				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL	ASS	SUB CLASS		FIL. DATE IF APPROP.				
65.	5,678,402	10-21-97	Kitagawa et al]				
1	5,743,221	4-28-98	Schmitz									
	5,746,183	5-5-98	Parke et al									
	5,765,514	6-16-98	Sono et al			•						
·	5,950,603	9-14-99	Cook et al				·					
	6,000,376	12-14-99	Hess et al									
	6,023,929	2-15-00	Ma			:						
. ,	6,039,026	5-21-00	Shiraishi et al									
	6,098,585	8-8-00	Brehob et al				ŀ		-			
>	6,116,210	9-12-00	Oder et al									
٤5	6,138,636	10-31-00	Kohno et al									
		FOREIGN PA	ATENT DOCUME	NTS	•						٠,٠	
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		OTHER	DOCUMENTS									
25	LUCIEN KOOPMANS et al, "A four Stroke Camless Engine, Operated in Homogeneous Charge Compression Ignition Mode with Commercial Gasoline", SAE Technical Paper No. 2001-01-3610, September 24-27, 2001, pp. 1-14											
95		gies of Variable Valve March 4-7, 2002, pp. 1-		ion a	nd D	irect	Injec	tion",	SAE			
45		- Preliminary Versi	ctuation, Ford EVA Pro on III, March 21, 2003									
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			U.S. PAT	ENT DOCUMENTS	3	·							
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. 3	Ŝ	6,219,611	4-17-01	Russell							,		
	/	6,247,445	6-19-01	Langer									
		6,276,316	8-21-01	Arai et al							•		
		6,332,446	12-25-01	Matsumoto et al									
		6,336,355	1-8-02	Sasaki et al						-		•	
	·	6,341,584	1-29-02	Itoyama et al								•	
		6,349,541	2-26-02	Gruden et al									
		6,374,813	4-23-02	lida et al									
	1	6,386,156	5-14-02	Stockhausen et al		\int							
		6,390,063	5-21-02	Obata et al									
4	5	6,408,806	6-25-02	Sugiyama et al		}		1					
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٤	5	2002/0096139	7-25-02	Zheng			L		Ŀ			
	٠. 	6,425,369	7-30-02	Arai et al								_
		6,431,129	8-13-02	Hammoud et al			•	-				
		6,431,130	8-13-02	Leone et al							•	
		6,443,108	9-3-02	Brehob et al								
•		6,453,662	9-24-02									
		6,453,665	9-24-02	Bower Jr. et al Lee								
•	•	6,457,465	10-1-02									•
(6,474,303	11-5-02	Leone et al								
	V	6,311,667	11-6-02	Satou et al			L					
4	5	6,481,201	11-19-02	Kako et al								
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45	6,484,677	11-26-02	Leone et al		1		1		<u> </u>				
	6,470,853	11-29-02	Leone et al		•		T						
	6,497,093	12-24-02	Lewis et al										
	6,502,389	1-7-03	Katayama et al										
	2003/0015026	1-23-03	Chung										
	6,513,493	2-4-03											
	6,532,944	3-18-03	Leone et al										
	6,550,434	4-22-03	Leone et al		1		\prod						
1	6,557,505	5-6-03	Hori			·.			•				
V	6,568,177	5-27-03	Surnilla										
٤5	6,591,605	7-15-03	Lewis										
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45	6,619,262	9-16-03	Graf et al					 ,			
٤5	6,629,409	10-7-03	Lewis et al								
25	6,640,756	11-4-03	Ogiso								
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FORM PTO-I	449	DOCKET NUMBER APPLICATION NUMBER 10/805,615								
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		· .	FILING DATE March 19, 2004							
		U.S. PAT	TENT DOCUMENTS	}						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SU		L DATE APPROP.		
٤ς	6,192,857	2-27-01	Shimada							
	6,202,608	3-20-01	Yamaki et al		-					
	6,374,783	4-23-02	Toriumi							
	6,389,806	5-21-02	Glugla et al							
J/	6,415,601	7-9-02	Glugla et al							
٤S	6,553,961	4-29-03	Hammoud et al		\perp			·		
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91	10/805,626	3-19-2004	G	ibson et al.									
	10/805,644	3-19-2004	W	instead et al.									
	10/805,612	3-19-2004	L	ewis et al.		1							
	10/805,606	3-19-2004	L	ewis et al.									
	10/805,638	3-19-2004	L	ewis et al.									
	10/805,636	3-19-2004	L	ewis et al.									
	10/805,639	L	ewis et al.						_				
·	10/805,657	3-19-2004	L	ewis et al.									
	10/805,625	3-19-2004	L	ewis et al.									
	10/805,613	3-19-2004	L	ewis									
	10/805,575	3-19-2004	L	ewis et al.						-			
	10/805,611	3-19-2004	M	lichelini et al.			,						
/	10/805,637	3-19-2004	L	ewis et al.									
V	10/805,651	3-19-2004	L	ewis et al.									
45	10/805,645	3-19-2004	L	ewis et al.									
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િદ	5	10/805,648	3-19-2004	Lewis e	t al.										
		10/805,654	3-19-2004	Lewis e	t al.										
		10/805,642 3-19-2004 10/805,607 3-19-2004			t al.										
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